



## Material Content Data Sheet



<b>Sales Product Name</b>		BGS 15M2A12 E6327		<b>Issued</b>		20. July 2018		
<b>MA#</b>		MA001359210						
<b>Package</b>		PG-ATSLP-12-5		<b>Weight*</b>		3.53 mg		
Construction Element	Material Group	Substances	CAS# if applicable	Weight [mg]	Average Mass [%]	Sum [%]	Average Mass [ppm]	Sum [ppm]
chip	inorganic material	silicon	7440-21-3	0.218	6.18	6.18	61780	61780
bumps	non noble metal	copper	7440-50-8	0.017	0.48	0.48	4829	4829
encapsulation	organic material	carbon black	1333-86-4	0.013	0.36		3609	
	plastics	epoxy resin	-	0.369	10.47		104658	
	inorganic material	silicondioxide	60676-86-0	2.163	61.33	72.16	613511	721778
leadfinish	noble metal	gold	7440-57-5	0.026	0.73		7279	
	non noble metal	nickel	7440-02-0	0.029	0.83	1.56	8301	15580
substrate	organic material	carbon black	1333-86-4	0.001	0.03		271	
	plastics	epoxy resin	-	0.037	1.06		10565	
	inorganic material	silicondioxide	60676-86-0	0.280	7.95		79461	
	non noble metal	copper	7440-50-8	0.340	9.65	18.69	96521	186818
ubm	non noble metal	copper	7440-50-8	0.000	0.01		73	
	non noble metal	titanium	7440-32-6	0.000	0.00		26	
	non noble metal	tungsten	7440-33-7	0.000	0.00	0.01	14	113
solder	noble metal	silver	7440-22-4	0.000	0.01		61	
	non noble metal	tin	7440-31-5	0.009	0.26	0.27	2595	2656
solder resists	inorganic material	bariumsulfate	7727-43-7	0.005	0.14		1386	
	inorganic material	silicondioxide	60676-86-0	0.005	0.14		1370	
	plastics	acrylic resin	-	0.013	0.37	0.65	3690	6446
*deviation	< 10%		Sum in total:			100.00		1000000

### Important Remarks:

1. Infineon Technologies AG provides full material declaration based on information provided by third parties and has taken and continues to take reasonable steps to provide representative and accurate information.
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